

outgoing channel, particularly for carrying out the method claimed in claim 1, characterized in that at least one concentrator (55, 55') is provided which combines packets of two or more subscriber channels to be sent to an internet onto at least one concentrating channel leading to the switching facility and switched via a switching path, with the number of the two or more concentrating channels being less than the number of said subscriber channels.

4. A system as claimed in claim 3, characterized by being designed to also transmit voice signals on the subscriber lines.

A 5. A system as claimed in claim 3 ~~or 4~~, characterized in that a distribution unit (destination unit 80) is provided which distributes combined packets to two or more channels, particularly for routing the packets to at least one service provider determined by a destination address.

A 6. A system as claimed in ~~any one of claims 3 to 5~~, characterized in that it is an ISDN system.

A 7. A concentrator suitable for use in a method as claimed in claim 1 ~~or 2 and/or in a system as claimed in any one of claims 3 to 6~~, characterized by comprising at least one device (90) for concentrating data incoming on two or more B channels (92) in a single outgoing channel (57) (concentrating channel).

8. A concentrator as claimed in claim 7, characterized by comprising two or more devices (90) which together control the feeding of packets into at least one

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